

YAMAGUCHI et al.
U.S. Serial No.: Not yet known
Filed: Concurrently herewith

Dkt. 2271/66642

Example 10 was repeated in the same manner as described except that 0.75 mass % (based on the fibers) of a polyethylene wax (PERTOL N856 manufactured by Kindai Chemical Industry Co., Ltd.) as a releasing agent was incorporated into the stock for wood pulp fiber layer to obtain a 3-layer paper of the present invention. The peel strength of the 3-layer paper was 2.7 N/m at the interface between the layer produced in the first cylinder wire section and the layer produced in the short wire section and 2.8 N/m at the interface between the layer produced in the short wire section and the layer produced in the second cylinder wire section. The 3-layer paper could be uniformly delaminated with less peel resistance as compared with that in Example 10. The 3-layer paper and the tissue sheets had the properties summarized in Table 2.

Exhibit A

A

10031738-012202

5. (Amended) A multi-layer paper as claimed in [any one of] claim[s] 2[-4], wherein said binder fibers are composite fibers and are contained in an amount of 20-100 mass %.

6. (Amended) A multi-layer paper as claimed in [any one of] claim[s] 2[-4], wherein said binder fibers are single-component fibers and are contained in an amount of 20-70 mass %.

13. (Amended) A multi-layer paper as claimed in [any one of] claim[s] 2[-8], wherein said one layer mainly made of cellulose fibers contains a release agent.

14. (Amended) A multi-layer paper as claimed in [any one of] claim[s] 2[-8], wherein said the other layer mainly made of synthetic fibers are made of polyester fibers.

15. (Amended) A multi-layer paper as claimed in [any one of] claim[s] 1[-14], wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

16. (Amended) A multi-layer paper as claimed in [any one of] claim[s] 1[-15], wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

17. (Amended) A multi-layer paper as claimed in [any one of] claim[s] 1[-16], wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

18. (Amended) A multi-layer paper as claimed in [any one of] claim[s] 2[-8], wherein the tissue sheet peeled from said multi-layer paper and made of the synthetic fibers has a density of not greater than 0.35 g/cm³.

A

25. (Amended) A multi-layer paper as claimed in [any one of] claim[s] 20[-24], wherein said paper layer which can cause intralayer delamination is mainly made of polyester fibers.

27. (Amended) A multi-layer paper as claimed in [any one of] claim[s] 20[-24], wherein said paper layer which can cause intralayer delamination is mainly made of cellulose fibers.

29. (Amended) A method of forming tissue sheets, comprising providing a multi-layer paper according to [any one of] claim[s] 1[-19], and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

31. (Amended) A method of forming tissue sheets, comprising providing a multi-layer paper according to [any one of] claim[s] 20[-28], and delaminating said multi-layer paper at said paper layer which can cause intralayer delamination to obtain at least two tissue sheets.

33. (Amended) A tissue sheet obtained by a method according to [any one of] claim[s] 29[-32] and having a basis weight of 2-20 g/m².

36. (Amended) A reinforced multi-layer paper material, comprising a multi-layer paper according to [any one of] claim[s] 1[-28] and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

38. (Amended) A method of preparing a reinforced tissue sheet material, comprising providing a reinforced multi-layer paper material according to claim 36 [or 37], and delaminating said multi-layer paper to obtain a reinforced tissue sheet material having said reinforcing member bonded thereto.

39. (Amended) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to [any one of] claim[s] 1[-28].

10031738.012202

A

YAMAGUCHI et al.
U.S. Serial No.: Not yet known
Filed: Concurrently herewith
Page C-3

Dkt. 2271/66642

40. (Amended) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to [any one of] claim 1[-28].

10031738 012202

A

YAMAGUCHI et al.
U.S. Serial No.: Not yet known
Filed: Concurrently herewith
Page D-1

Dkt. 2271/66642

A¹
5. (Amended) A multi-layer paper as claimed in claim 2, wherein said binder fibers are composite fibers and are contained in an amount of 20-100 mass %.

6. (Amended) A multi-layer paper as claimed in claim 2, wherein said binder fibers are single-component fibers and are contained in an amount of 20-70 mass %.

13. (Amended) A multi-layer paper as claimed in claim 2, wherein said one layer mainly made of cellulose fibers contains a release agent.

14. (Amended) A multi-layer paper as claimed in claim 2, wherein said the other layer mainly made of synthetic fibers are made of polyester fibers.

15. (Amended) A multi-layer paper as claimed in claim 1, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

A²
16. (Amended) A multi-layer paper as claimed in claim 1, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

17. (Amended) A multi-layer paper as claimed in claim 1, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

18. (Amended) A multi-layer paper as claimed in claim 2, wherein the tissue sheet peeled from said multi-layer paper and made of the synthetic fibers has a density of not greater than 0.35 g/cm³.

A³
25. (Amended) A multi-layer paper as claimed in claim 20, wherein said paper layer which

A

A3.1 can cause intralayer delamination is mainly made of polyester fibers.

A4 27. (Amended) A multi-layer paper as claimed in claim 20, wherein said paper layer which can cause intralayer delamination is mainly made of cellulose fibers.

A5 29. (Amended) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 1, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

A6 31. (Amended) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 20, and delaminating said multi-layer paper at said paper layer which can cause intralayer delamination to obtain at least two tissue sheets.

A7 33. (Amended) A tissue sheet obtained by a method according to claim 29 and having a basis weight of 2-20 g/m².

A8 36. (Amended) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 1 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

A9 38. (Amended) A method of preparing a reinforced tissue sheet material, comprising providing a reinforced multi-layer paper material according to claim 36, and delaminating said multi-layer paper to obtain a reinforced tissue sheet material having said reinforcing member bonded thereto.

39. (Amended) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 1.

A

A⁹
40. (Amended) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 1.

44. (New) A multi-layer paper as claimed in claim 3, wherein said binder fibers are composite fibers and are contained in an amount of 20-100 mass %.

45. (New) A multi-layer paper as claimed in claim 4, wherein said binder fibers are composite fibers and are contained in an amount of 20-100 mass %.

46. (New) A multi-layer paper as claimed in claim 3, wherein said binder fibers are single-component fibers and are contained in an amount of 20-70 mass %.

47. (New) A multi-layer paper as claimed in claim 4, wherein said binder fibers are single-component fibers and are contained in an amount of 20-70 mass %.

48. (New) A multi-layer paper as claimed in claim 3, wherein said one layer mainly made of cellulose fibers contains a release agent.

49. (New) A multi-layer paper as claimed in claim 4, wherein said one layer mainly made of cellulose fibers contains a release agent.

50. (New) A multi-layer paper as claimed in claim 5, wherein said one layer mainly made of cellulose fibers contains a release agent.

51. (New) A multi-layer paper as claimed in claim 6, wherein said one layer mainly made of cellulose fibers contains a release agent.

A

52. (New) A multi-layer paper as claimed in claim 7, wherein said one layer mainly made of cellulose fibers contains a release agent.

53. (New) A multi-layer paper as claimed in claim 8, wherein said one layer mainly made of cellulose fibers contains a release agent.

54. (New) A multi-layer paper as claimed in claim 3, wherein said the other layer mainly made of synthetic fibers are made of polyester fibers.

55. (New) A multi-layer paper as claimed in claim 4, wherein said the other layer mainly made of synthetic fibers are made of polyester fibers.

56. (New) A multi-layer paper as claimed in claim 5, wherein said the other layer mainly made of synthetic fibers are made of polyester fibers.

57. (New) A multi-layer paper as claimed in claim 6, wherein said the other layer mainly made of synthetic fibers are made of polyester fibers.

58. (New) A multi-layer paper as claimed in claim 7, wherein said the other layer mainly made of synthetic fibers are made of polyester fibers.

59. (New) A multi-layer paper as claimed in claim 8, wherein said the other layer mainly made of synthetic fibers are made of polyester fibers.

60. (New) A multi-layer paper as claimed in claim 2, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

20221013 012001

A¹⁰

A

61. (New) A multi-layer paper as claimed in claim 3, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

62. (New) A multi-layer paper as claimed in claim 4, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

63. (New) A multi-layer paper as claimed in claim 5, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

64. (New) A multi-layer paper as claimed in claim 6, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

65. (New) A multi-layer paper as claimed in claim 7, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

66. (New) A multi-layer paper as claimed in claim 8, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

67. (New) A multi-layer paper as claimed in claim 9, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

10031738 "012202

A¹⁰

A

68. (New) A multi-layer paper as claimed in claim 10, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

69. (New) A multi-layer paper as claimed in claim 11, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

70. (New) A multi-layer paper as claimed in claim 12, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

71. (New) A multi-layer paper as claimed in claim 13, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

72. (New) A multi-layer paper as claimed in claim 14, wherein one of the two adjacent paper layers between which said peelable interface is defined is made of relatively more highly oriented fibers as compared with that of the other paper layer.

73. (New) A multi-layer paper as claimed in claim 2, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

74. (New) A multi-layer paper as claimed in claim 3, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

10031738 .012202

A¹⁰

A

75. (New) A multi-layer paper as claimed in claim 4, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

76. (New) A multi-layer paper as claimed in claim 5, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

77. (New) A multi-layer paper as claimed in claim 6, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

78. (New) A multi-layer paper as claimed in claim 7, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

79. (New) A multi-layer paper as claimed in claim 8, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

80. (New) A multi-layer paper as claimed in claim 9, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

81. (New) A multi-layer paper as claimed in claim 10, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

10031738-012202

A¹⁰

A

82. (New) A multi-layer paper as claimed in claim 11, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

83. (New) A multi-layer paper as claimed in claim 12, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

84. (New) A multi-layer paper as claimed in claim 13, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

85. (New) A multi-layer paper as claimed in claim 14, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

86. (New) A multi-layer paper as claimed in claim 15, wherein at least one of the two surfaces of two adjacent paper layers which surfaces define said peelable interface has been subjected to a smoothing treatment.

87. (New) A multi-layer paper as claimed in claim 2, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

88. (New) A multi-layer paper as claimed in claim 3, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

89. (New) A multi-layer paper as claimed in claim 4, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

10031738.012202

A10

A

90. (New) A multi-layer paper as claimed in claim 5, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

91. (New) A multi-layer paper as claimed in claim 6, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

92. (New) A multi-layer paper as claimed in claim 7, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

93. (New) A multi-layer paper as claimed in claim 8, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

94. (New) A multi-layer paper as claimed in claim 9, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

95. (New) A multi-layer paper as claimed in claim 10, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

96. (New) A multi-layer paper as claimed in claim 11, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

97. (New) A multi-layer paper as claimed in claim 12, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

98. (New) A multi-layer paper as claimed in claim 13, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

99. (New) A multi-layer paper as claimed in claim 14, wherein at least one of said tissue

10031738.012202

K10

A

sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

100. (New) A multi-layer paper as claimed in claim 15, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

101. (New) A multi-layer paper as claimed in claim 16, wherein at least one of said tissue sheet peeled from said multi-layer paper has a basis weight of 1-20 g/m².

102. (New) A multi-layer paper as claimed in claim 3, wherein the tissue sheet peeled from said multi-layer paper and made of the synthetic fibers has a density of not greater than 0.35 g/cm³.

103. (New) A multi-layer paper as claimed in claim 4, wherein the tissue sheet peeled from said multi-layer paper and made of the synthetic fibers has a density of not greater than 0.35 g/cm³.

104. (New) A multi-layer paper as claimed in claim 5, wherein the tissue sheet peeled from said multi-layer paper and made of the synthetic fibers has a density of not greater than 0.35 g/cm³.

105. (New) A multi-layer paper as claimed in claim 6, wherein the tissue sheet peeled from said multi-layer paper and made of the synthetic fibers has a density of not greater than 0.35 g/cm³.

106. (New) A multi-layer paper as claimed in claim 7, wherein the tissue sheet peeled from said multi-layer paper and made of the synthetic fibers has a density of not greater than 0.35 g/cm³.

10031738-012202

A10

A

107. (New) A multi-layer paper as claimed in claim 8, wherein the tissue sheet peeled from said multi-layer paper and made of the synthetic fibers has a density of not greater than 0.35 g/cm³.

108. (New) A multi-layer paper as claimed in 21, wherein said paper layer which can cause intralayer delamination is mainly made of polyester fibers.

109. (New) A multi-layer paper as claimed in 22, wherein said paper layer which can cause intralayer delamination is mainly made of polyester fibers.

110. (New) A multi-layer paper as claimed in 23, wherein said paper layer which can cause intralayer delamination is mainly made of polyester fibers.

111. (New) A multi-layer paper as claimed in 24, wherein said paper layer which can cause intralayer delamination is mainly made of polyester fibers.

112. (New) A multi-layer paper as claimed in claim 21, wherein said paper layer which can cause intralayer delamination is mainly made of cellulose fibers.

113. (New) A multi-layer paper as claimed in claim 22, wherein said paper layer which can cause intralayer delamination is mainly made of cellulose fibers.

114. (New) A multi-layer paper as claimed in claim 23, wherein said paper layer which can cause intralayer delamination is mainly made of cellulose fibers.

115. (New) A multi-layer paper as claimed in claim 24, wherein said paper layer which can cause intralayer delamination is mainly made of cellulose fibers.

10031738 0122002

A10

A

116. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 2, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

117. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 3, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

118. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 4, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

119. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 5, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

120. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 6, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

121. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 7, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

122. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 8, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

10034738-012209

A¹⁰

A

123. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 9, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

124. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 10, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

125. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 11, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

126. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 12, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

A¹⁰ 127. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 13, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

128. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 14, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

129. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 15, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

A

20221008 1738 012200

130. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 16, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

131. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 17, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

132. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 18, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

133. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 19, and delaminating said multi-layer paper at said peelable paper layer interface to obtain at least two tissue sheets.

134. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 21, and delaminating said multi-layer paper at said paper layer which can cause intralayer delamination to obtain at least two tissue sheets.

135. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 22, and delaminating said multi-layer paper at said paper layer which can cause intralayer delamination to obtain at least two tissue sheets.

136. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 23, and delaminating said multi-layer paper at said paper layer which can cause intralayer delamination to obtain at least two tissue sheets.

10034738.012202

A10

A

137. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 24, and delaminating said multi-layer paper at said paper layer which can cause intralayer delamination to obtain at least two tissue sheets.

138. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 25, and delaminating said multi-layer paper at said paper layer which can cause intralayer delamination to obtain at least two tissue sheets.

139. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 26, and delaminating said multi-layer paper at said paper layer which can cause intralayer delamination to obtain at least two tissue sheets.

140. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 27, and delaminating said multi-layer paper at said paper layer which can cause intralayer delamination to obtain at least two tissue sheets.

141. (New) A method of forming tissue sheets, comprising providing a multi-layer paper according to claim 28, and delaminating said multi-layer paper at said paper layer which can cause intralayer delamination to obtain at least two tissue sheets.

142. (New) A tissue sheet obtained by a method according to claim 30 and having a basis weight of 2-20 g/m².

143. (New) A tissue sheet obtained by a method according to claim 31 and having a basis weight of 2-20 g/m².

144. (New) A tissue sheet obtained by a method according to claim 32 and having a basis weight of 2-20 g/m².

10031738.012202

A10

A

145. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 2 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

146. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 3 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

147. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 4 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

148. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 5 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

149. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 6 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

150. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 7 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

151. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 8 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

10031738.012202

A¹⁰

A

152. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 9 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

153. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 10 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

154. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 11 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

155. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 12 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

156. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 13 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

157. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 14 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

158. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 15 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

10031738 012202

A¹⁰

A

159. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 16 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

160. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 17 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

161. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 18 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

162. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 19 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

163. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 20 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

164. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 21 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

165. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 22 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

10034738.012202

A10

A

166. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 23 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

167. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 24 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

168. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 25 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

169. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 26 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

170. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 27 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

171. (New) A reinforced multi-layer paper material, comprising a multi-layer paper according to claim 28 and a reinforcing member bonded to at least one of the both sides of said multi-layer paper.

172. (New) A method of preparing a reinforced tissue sheet material, comprising providing a reinforced multi-layer paper material according to claim 37, and delaminating said multi-layer paper to obtain a reinforced tissue sheet material having said reinforcing member bonded thereto.

2022 FEB 01 09:47 AM

A10

A

173. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 2.

174. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 3.

175. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 4.

176. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 5.

177. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 6.

178. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 7.

179. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 8.

180. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 9.

181. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 10.

182. (New) A porous support material for producing a heat-sensitive stencil printing master,

20231738-012202

AlU

A

comprising a multi-layer paper according to claim 11.

183. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 12.

184. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 13.

185. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 14.

186. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 15.

187. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 16.

188. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 17.

189. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 18.

190. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 19.

191. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 20.

10031738-012200

A10

A

192. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 21.

193. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 22.

194. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 23.

195. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 24.

196. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 25.

197. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 26.

198. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 27.

199. (New) A porous support material for producing a heat-sensitive stencil printing master, comprising a multi-layer paper according to claim 28.

200. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 2.

10031733-012202

A10

A

201. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 3.

202. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 4.

203. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 5.

204. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 6.

205. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 7.

206. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 8.

207. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 9.

10031738 012202

A¹⁰

A

208. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 10.

209. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 11.

210. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 12.

211. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 13.

A¹⁰ 212. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 14.

213. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 15.

214. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 16.

A

215. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 17.

216. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 18.

217. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 19.

218. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 20.

A¹⁰ 219. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 21.

220. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 22.

221. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 23.

A

10031738.012202

222. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 24.

223. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 25.

224. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 26.

225. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 27.

226. (New) A material for producing a heat-sensitive stencil printing master, comprising a laminate obtained by bonding a thermoplastic polymer film to at least one side of a multi-layer paper according to claim 28.

10031738-012202

A¹⁰

A